Index of Claims

| Application/ | Control N | 0. |
|--------------|-----------|----|
|--------------|-----------|----|

10/814,845

Examiner

James A. Thompson

Applicant(s)/Patent under Reexamination

HART ET AL.

Art Unit

2624

| √ | Rejected |
|---|----------|
| = | Allowed |

| - | (Through numeral) Cancelled |
|---|--------------------------------|
| + | Restricted |

| N | Non-Elected |
|---|--------------|
| ı | Interference |

| Α | Appeal |
|---|----------|
| 0 | Objected |

| Cl- | Claim Date | | | | | | | _ | | |
|-----------|---|--|----------------|--|----------------|--|--|--------------|--|----------|
| Cla | | | | | | ate | ; | | - 1 | |
| Final | Original | 8/5/05 | | | | | | | | |
| | 713) | 7 | | | | | | | | |
| | 4 | 1 | | \dashv | | _ | | | _ | |
| | - 2 | -1 | | \vdash | | - | - | | | |
| | 3 | V | | \vdash | | - | | | \dashv | |
| | 4 | 7 | | \Box | | _ | | | - | |
| | 5 | ٧. | | | | | | | _ | |
| | 6 7 | 1 | | | | | | | | |
| | 7 | 1 | | | | | | | | |
| | 8 | 1 | | | | | | | | |
| | 9 | 1 | | | | | _ | | | |
| | 10 | 1 | | | | | | | | |
| | 11 | 1 | | | | | | | | |
| | 12 | 1 | | | | | | | | |
| | 13 | 1 | | | | | | | | |
| | 14 | 1 | | \Box | | | | | | |
| | 15 | 1 | | | | | | | | |
| | 16 | V | _ | | | $\overline{}$ | | <u> </u> | | |
| | 17 | J | _ | | | _ | | - | | |
| | 18 | 1 | \vdash | | | | _ | - | | |
| | 10 | 1 | ┝ | | | - | | _ | | |
| | 19 | ./ | ┝ | - | _ | _ | - | | | _ |
| | 20 | ./ | - | - | | | - | - | _ | _ |
| | 21 | ' | | H | | - | | | H | |
| | 22 | Y | | L | | - | | _ | - | - |
| | 23 | V | <u> </u> | L. | | <u> </u> | _ | <u> </u> | <u> </u> | |
| | 24 | ٧ | <u> </u> | | <u> </u> | _ | <u> </u> | | <u> </u> | |
| | 25 | 1 | _ | L | | <u> </u> | <u> </u> | ļ | <u> </u> | |
| | 26 | 1 | | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L. | | ļ | | <u> </u> | |
| | 27 | 1 | | | <u> </u> | <u> </u> | | | | |
| | 28 | √ | | | | | | | _ | |
| | 29 | √ | | | | | | <u> </u> | | |
| | 30 | 1 | | | | | | | | |
| | 31 | 1 | | | | | | | | |
| | 32 | V | | | | | | | | |
| | 33 | 1 | | | | Π | | | | |
| | 34 | 1 | | \vdash | T | | | | | |
| | 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 | 1 | \vdash | | | | | \vdash | | |
| | 36 | V | 1 | | | | | _ | T | \vdash |
| <u> </u> | 36 37 | ij | _ | \vdash | | | _ | - | | \vdash |
| | 38 | ファファファファファファファファファファファファファファファファファファファ | | | - | \vdash | | | | - |
| <u> </u> | 39 | 1 | \vdash | \vdash | \vdash | | | | | - |
| - | 40 | 1 | | | | \vdash | 1 | | - | - |
| - | | 1 | ├- | ╁ | \vdash | | - | - | - | \vdash |
| | 41 | √ √ | \vdash | ₩ | - | \vdash | - | - | \vdash | <u> </u> |
| ļ | 42 | | <u> </u> | ├ | - | - | - | 1 | \vdash | - |
| | 43 | 1 | <u> </u> | ├ | \vdash | ├ | - | ├_ | <u> </u> | <u> </u> |
| <u> </u> | 44 | 1 | <u> </u> | <u> </u> | _ | <u> </u> | ļ | <u> </u> | Ь— | <u> </u> |
| | 45 | 1 | | <u> </u> | <u> </u> | <u> </u> | _ | Ь— | <u> </u> | <u> </u> |
| | 46 | 1 | $oxed{}$ | | _ | | L | ļ., | <u> </u> | _ |
| | 47 | 1 | | <u> </u> | | | _ | <u> </u> | | _ |
| | 48 | √ | L | L | L | L | L | \Box | | |
| | 49 | ٧ | | | | | | | | Ĺ |
| | 50 | 1 | | <u> </u> | T | Г | | T | | |

| Cla | Claim | | | Date | | | | | | | | | |
|----------|------------------|---|--|--|--------------|--------------|--|--|--|----------------|--|--|--|
| Final | Original | 8/5/05 | | | | | | | | | | | |
| | 51 | 1 | <u> </u> | | | | 一 | | \neg | \neg | | | |
| | 52 | 7777 | - | _ | | | | | \neg | \neg | | | |
| - | 53 | J | | _ | | \Box | | | \exists | \neg | | | |
| - | 54 | j | | _ | | \neg | | | | \neg | | | |
| 1 | 54 55 | V | | _ | _ | \neg | \neg | \dashv | \neg | \dashv | | | |
| | 56 | | \vdash | _ | - | | | | | \dashv | | | |
| | (E7) | 1 | - | | - | | \dashv | | | \vdash | | | |
| | 56 (57) 58 | 7 | \vdash | - | - | - | \dashv | _ | \vdash | _ | | | |
| | 59 | 1 | \vdash | ⊢ | - | | | | | | | | |
| - | 60 | \ \ \ \ \ | ┝ | | - | - | - | | | · | | | |
| - | 61 | 1 | ┝ | ├ | | - | \dashv | _ | | - | | | |
| | 60 | 1 | <u> </u> | <u> </u> | | | | | | - | | | |
| | 62 | \ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u> | | - | - | | -i | | | | | | |
| | 63 | - | | <u> </u> | _ | | - | | _ | _ | | | |
| | 64 65 | | | <u> </u> | <u> </u> | | | | | | | | |
| | 65 | | | _ | _ | | | | | | | | |
| L | 66 | _ | _ | _ | _ | | | | | | | | |
| | 67 | | <u></u> | _ | | | | | | | | | |
| | 68 69 | <u> </u> | | | | | | _ | | | | | |
| | 69 | L | L | <u> </u> | <u> </u> | | | | | | | | |
| | 70 | | | | | | | | | | | | |
| | 71 | | | | | | | | | | | | |
| | 71 72 | Γ | | | | | | | | | | | |
| | 73 | | | | | | | | | П | | | |
| - | 74 | | | | | | | | | | | | |
| | 73 74 75 | | | | | _ | | | | | | | |
| | 76 | T | $\overline{}$ | \vdash | | | | | | | | | |
| | 76 77 | _ | | 1 | | | | | | | | | |
| | 78 | ┢ | - | | H | | | _ | | | | | |
| | 79 | † | | | † | | | | | | | | |
| <u> </u> | 79 80 | \vdash | | _ | 一 | | | | | | | | |
| _ | 81 | H | \vdash | _ | - | | | - | | \vdash | | | |
| | 82 | - | ╁╌ | - | \vdash | \vdash | | ┢ | | | | | |
| <u> </u> | 82 83 | 一 | | 1 | \vdash | | | \vdash | \vdash | \vdash | | | |
| | 84 | \vdash | \vdash | \vdash | | - | \vdash | | \vdash | \vdash | | | |
| - | 84 85 | + | \vdash | \vdash | \vdash | ├ | \vdash | | \vdash | \vdash | | | |
| - | 86 | ļ — | <u> </u> | - | - | | _ | _ | | ┢ | | | |
| | 87 | <u> </u> | \vdash | | ┢ | - | - | _ | \vdash | ⊢ | | | |
| | 88 | \vdash | ⊢ | ├ | ┢ | ┢┈ | | - | \vdash | ├ | | | |
| | 00 | - | - | | ┢ | - | - | ┢ | \vdash | | | | |
| - | 89 90 | ╁ | ┼ | | ┼ | | \vdash | - | | \vdash | | | |
| | 90 | +- | \vdash | ├ | \vdash | - | - | - | - | \vdash | | | |
| - | | \vdash | \vdash | \vdash | - | \vdash | \vdash | \vdash | \vdash | \vdash | | | |
| - | 92 | \vdash | ╀ | - | \vdash | ├- | | ⊢ | - | \vdash | | | |
| - | 93 | ┼ | ├- | | ₩ | - | ├- | | \vdash | ├ | | | |
| <u> </u> | 94 | \vdash | ├ | | ļ | - | | \vdash | - | \vdash | | | |
| <u> </u> | 95 | \vdash | ╀ | \vdash | | <u> </u> | <u> </u> | \vdash | 1 | — | | | |
| | 96 | 1 | ₽ | | ₩- | ļ | <u> </u> | | _ | | | | |
| | 97 | ├ | ـــــ | ├_ | ļ | ــ | 1 | _ | | <u> </u> | | | |
| | 98 | ↓ | 1 | ┞ | ـــ | | ⊢ | <u> </u> | <u> </u> | ! | | | |
| | 99 | 1 | 1 | 1 | 1 | 1 | 1 | l | l | 1 | | | |

| Cla | aim | _ | | | | ate | <u> </u> | | | |
|--------------|--|--------------|----------|----------|----------|----------|--------------|-------------|--------------|----------|
| | | | | | ٦ | | | $\neg \tau$ | П | \dashv |
| Final | Original | | | | | | | | | |
| | 101 102 103 104 105 106 | | | | | | | | | |
| | 102 | | | | | | Ī | | | |
| | 103 | | | | | | | [| | |
| | 104 | | _ | \dashv | _ | | _ | _ | _ | |
| | 105 | | _ | | _ | | | | | |
| | 106 | | _ | | | | | | _ | |
| | 107 | | _ | | | | _ | _ | | |
| | 108 | | \dashv | | | \dashv | \dashv | _ | | \dashv |
| | 109 | - | | - | _ | | \dashv | \dashv | | |
| | 110 | | | - | \dashv | \dashv | | - | - | |
| | 111 | - | | \dashv | - | \dashv | - | \dashv | - | \dashv |
| | 112 | Н | \dashv | \vdash | | - | | ᅱ | - | \dashv |
| | 107 108 109 110 111 112 113 114 115 116 117 | | \dashv | \vdash | | - | | \dashv | - | \dashv |
| | 115 | - | | | | | _ | | | \dashv |
| | 116 | | | | | | | | | \equiv |
| | 117 | | | | | | | | Ť | |
| | 118 | | | | | | _ | | | |
| | 119 | | | | | | | | | |
| | 120 | | | | | | | | | |
| | 121 | | | | | | | | | |
| | 122 | | | | | | | | | |
| | 123 | | | | | | | | | |
| | 124 | _ | | | | | | | | |
| | 125 | | | | | | | | | |
| <u> </u> | 126 | _ | | | | | | | | \Box |
| | 127 | L | \vdash | | _ | | | | _ | |
| <u> </u> | 128 | | | _ | | | | | | |
| <u> </u> | 129 | - | - | | | | | - | | Н |
| - | 118 119 120 121 122 123 124 125 126 127 128 129 130 131 | - | | | _ | - | | _ | | \vdash |
| | 132 | - | | | _ | - | | | \vdash | \vdash |
| | 133 | \vdash | | \vdash | - | - | | - | H | H |
| | 134 | | | | _ | | | _ | | Н |
| | 134 135 | | | | | | | | | П |
| · | 136 | | | Г | | | | | | П |
| | 137 | | | | | | | | | П |
| | 137 138 | | | | | | | | | |
| | 139 140 | | | | | | | | | |
| | | \Box | | | | | | | | |
| | 141 | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | | oxdot | | Щ |
| | 142 | | | <u> </u> | L | <u> </u> | <u> </u> | _ | <u> </u> | Щ |
| | 143 | <u> </u> | | | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | Ш |
| | 144 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ├_ | <u> </u> | <u> </u> | | Щ |
| | 145 | | _ | | - | _ | _ | | <u> </u> | \vdash |
| ļ | 146 | <u> </u> | \vdash | <u> </u> | <u> </u> | - | ļ | ├_ | \vdash | Щ |
| <u> </u> | 147 | | ├ | \vdash | - | ├— | | <u> </u> | - | Н |
| | 148 | ├ | | | - | <u> </u> | \vdash | \vdash | ├ | \vdash |
| | 149 | \vdash | \vdash | \vdash | - | | | \vdash | - | <u> </u> |